Direction (31-35): Read the following information carefully and answer the questions given below.

There are fourteen persons A, B, C, D, E, F, G, P, Q, R, S, T, U and V are sitting in two parallel rows containing seven persons in each rows. In Row-1, A, B, C, D, E, F and G are sitting and facing towards south while in Row-2, P, Q, R, S, T, U and V are sitting and facing towards north. Person in Row-1 is facing the person in Row-2.

V sits third to the right of T. Either V or T sits at extreme end of the row. B sits third to the left of A. Neither A nor B faces T and V. The one who faces D sits third to the right of S, who is not an immediate neighbour of T. One of the immediate neighbours of D faces R. Q sits to the left of R but not immediate left. Q sits second to the right of U. G does not faces the immediate neighbour of Q. More than one person sit between A and E. C does not faces T.

31). Who among the following persons faces the person who sits third to the left of C?
   a) D  
   b) P  
   c) T  
   d) B  
   e) R

32). How many persons are sitting between E and the one who faces T?
   a) More than three  
   b) Three  
   c) One  
   d) Two  
   e) None

33). Four of the following five are alike in a certain way and hence form a group. Which one of the following does not belong to that group?
   a) U  
   b) E  
   c) Q  
   d) V  
   e) G

34). If Q is related to D and B is related to T in a certain way. Then, A is related to which of the following?
   a) P  
   b) T  
   c) Q  
   d) S  
   e) U

35). Who among the following persons is immediate neighbour of both A and the one who faces P?
   a) F
b) C
d) E
e) G

Directions (36-38): Each of these question below consist of a question and two statements I and II given below it. You have to decide which of these statements are sufficient to answer the given questions. Read both the statements and Give answer

a) Data in statement I alone is sufficient
b) Data in statement II alone is sufficient
c) Data in statement I alone or statement II alone is sufficient
d) Data even in both statement I and statement II together are not sufficient
e) Data in both statement I and statement II together are sufficient

36). Seven persons P, Q, R, S, T, U and V are sitting around a circular table and facing centre of the table. Who sits second to the right of T?
I. S sits second to the right of V. Two persons sit between P and R. P is not an immediate neighbour of S and V.
II. R sits third to the left of U. T is not an immediate neighbour of R and U.

37). Six persons K, L, M, N, P and S are in a family with three generations. How is L related to P?
I. M is married to N. M is the only son of P. S is the sister of L.
II. K is the father-in-law of N, who is the mother of S.

38). There are six students A, B, C, D, E and F in a class with different heights. Who among them is the second tallest?
I. A is taller than F but shorter than D. C is shorter than B but not the shortest person.
II. Only two persons are taller than A. Only person between C and E. D is not the tallest person.

Direction (39-40): In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Give answer

a) If only conclusion I is true
b) If only conclusion II is true
c) If either conclusion I or II is true
d) If neither conclusion I nor II is true
e) If both conclusions I and II are true

Conclusions:
I. N ≥ S
II. X > T

40). Statements: G < H = F < K ≥ J < L; M ≥ H = Z ≤ N.
Conclusions:
I. K > N
II. M > J
Direction (41-45): Study the following information carefully and answer the questions given below.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement.

Input: water 81 particular 53 blasting 14 material 36 location 72
Step I: blasting water particular 53 14 material 36 location 72 82
Step II: location blasting water particular 53 14 material 36 71 82
Step III: material location blasting water particular 14 36 54 71 82
Step IV: particular material location blasting water 14 35 54 71 82
Step V: water particular material location blasting 13 35 54 71 82

And Step V is the last step of the rearrangement of the above input.

As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

**Input: question 56 49 candles 92 doctor forest 32 18 utility**

41). Which of the following elements will be the fifth to the left of seventh from the left end in step II?

a) 55  
b) candles  
c) doctor  
d) question  
e) forest

42). How many elements are there in between ‘50’ and ‘doctor’ in Step IV?

a) One  
b) Three  
c) Two  
d) None  
e) More than three

43). If the elements ‘forest’ and ‘32’ are interchange in Step III. Then, which of the following elements will be the second to the right of ‘forest’ in the same step?

a) doctor  
b) question  
c) 50  
d) 18  
e) utility

44). Which of the following elements will be the fourth to the right of ‘candles’ in last but one step?

a) 31  
b) utility  
c) 50  
d) 18  
e) forest

45). What will be the sum of the elements of fourth from the left end in Step I and fourth from the right end in Step IV?

a) 67  
b) 63  
c) 105
Direction (46-50): Study the following information carefully and answer the questions given below.

There are seven boxes A, B, C, D, E, F and G are kept one above the other containing different number of chocolates ranging from 10-90. Not More than three boxes are kept above A. Two boxes are kept between A and the box which has 47 chocolates. The box G has thrice the number of chocolates of box F has. The box E has 53 chocolates and kept two boxes above box C. Two boxes are kept between G and E. The box G is placed above the box E. The box G is not placed immediately above or immediately below A. Four boxes are placed between the box which has 24 and 60 chocolates. The box G has twice the amount of the chocolates of box D has. One of the boxes has 81 chocolates. The Box D doesn't place above B. The box F doesn’t kept between B and D. The box B has more number of chocolates than the box E has and kept above G.

46). Which of the following box have second highest number of chocolates?
   a) B  
   b) D  
   c) G  
   d) F  
   e) None of these

47). Which of the following box is kept just above C?
   a) A  
   b) C  
   c) F  
   d) E  
   e) None of these

48). How many boxes are kept between G and F?
   a) One  
   b) None  
   c) Two  
   d) Three  
   e) More than Three

49). Which of the following combination is correct?
   a) G-81  
   b) F-20  
   c) A-47  
   d) B-24  
   e) None of these

50). Which of the following boxes are kept at top and bottom most position respectively?
   a) D, F  
   b) G, A  
   c) B, C  
   d) D, A  
   e) None of these
Two persons are sit between V and T. S sits second to the right of V. Four persons are sit between Q and U. U faces south and is an immediate neighbour of T. Q sits right of V. W sits third to the right of U. Immediate neighbours of U faces opposite direction. R doesn’t faces north and sits at one of the extreme ends of the row. More than two person sits between R and W. P sits right of R. S and P doesn’t faces same direction. Q doesn’t sits at extreme end. S sits right of U. Not more than two persons are facing same direction are sit together. Q and W faces same direction.

51). How many persons are facing north direction?
   a) Two
   b) None of these
   c) Four
   d) Three
   e) Five

52). Who sits third to the right of Q?
   a) P
   b) T
   c) U
   d) W
   e) None of these

53). How many person sits between V and W?
   a) One
   b) Two
   c) None
   d) Three
   e) More than three

54). If all the persons are seated according to alphabetical series from left end to right end then how many persons remains unchanged from the previous position?
   a) One
   b) Three
   c) Four
   d) Two
   e) None

Direction (55-59): Study the following information carefully and answer the questions given below.

There are nine people viz. P, Q, R, S, T, U, V, W and X. All of them belong to three different cities viz. Hyderabad, Jaipur and Bhopal but not necessarily in the same order. Not more than four and less than two belongs to the same city. P and Q belong to same city but not same city as S. W with only one person belongs to the same city but not Hyderabad. V and X belongs to different cities; neither of them belong to Bhopal. U doesn’t belong to Bhopal. R doesn’t belong to Jaipur and belongs to same city as X. T and P belong to same city but not Hyderabad.

55). Who among the following belongs to Hyderabad?
   a) V
   b) P
   c) U
   d) W
   e) None of the above
56). Which of the following combinations is true?
   a) U-V
   b) P-W
   c) S-T
   d) W-X
   e) T-V

57). Which of the following statement is false?
   a) U and X belongs to same city
   b) V belongs to Jaipur
   c) R belongs to Bhopal
   d) All are true
   e) None is true

58). Who among the following belongs to Jaipur?
   a) U
   b) V
   c) Q
   d) W
   e) S

59). How many people belongs to Bhopal?
   a) Two
   b) Three
   c) Four
   d) Either Two or Three
   e) Cannot be determined

60). Five persons A, B, C, D and E are in family with two generations. A is the daughter of E, who is husband of C. D is a sister-in-law of A, who is an unmarried person. Then, how is B related to C?
   a) Son-in-law
   b) Daughter
   c) Brother
   d) Son
   e) Sister

Direction (61-62): Read the following information carefully and answer the questions given below.

H stands 1 meter to the south of G, who stands 5 meters to the west of F. A stands 1 meter to the south of B, who stands 2 meters to the west of C. E stands 3 meters to the north of F. E stands 1 meter to the east of D, who stands 1 meter to the north of C.

61). In which direction does A stands with respect to H?
   a) North West
   b) North East
   c) South West
   d) South East
   e) None of these

62). If T stands 2 meters south of A, then what is the distance between H and T?
   a) 4 meters
   b) 3 meters
   c) 2 meters
   d) 5 meters
   e) None of these

63). How many such pairs of letters are there in the word ‘APPAREL’ each of which has as many letters between them in the word as in the English alphabetical series?
   a) One
   b) Two
   c) Three
   d) Four
e) None

direction (64-65): read the following information carefully and answer the questions given below.

in certain code language,

“newspaper may be choice published” is coded as

“lkf ero kof jow rei”

“All newspaper was mobile power” is coded as “ero ljb qwr nbc wea”

“No mobile was charging power” is coded as “qwr oes ljb wea koq”

“All charging may choice power” is coded as “qwr kof lkf nbc oes”

64). what is the code for the word “no”? 

a) kof
b) koq
c) jow
d) rei
e) lkf

65). what is the code for the word “choice”? 

a) lkf
b) oes
c) kof
d) either b or c
e) either a or c